WHAT IS CLAIMED IS:

1. A casing supporting series of stationary blades having disposed between them series of blades that are movable in rotation about a longitudinal axis, the radially outer ends of said moving blades being close to the inside face of the casing, the casing comprising a main element and, at least facing one of the series of moving blades, an assembly comprising a plate made of a cellular material having tubular cells (or honeycombs) and a covering disposed on the face of the plate facing away from the blades so that said cells are open towards the blades, said covering being provided with holes that open out into cells of the plate, thereby forming open cells, said covering closing other cells of the plate, thereby forming closed cells, a cavity being formed between said plate and the inside face of said main element.

2. A casing according to claim 1, wherein said assembly further comprises a sheet of metal pierced by orifices situated between said covering and said inside face of said main element, said cavity being formed between said sheet and said inside face of said main element, at least some of said orifices being situated in line with the open cells.

3. A casing according to claim 1, wherein said cells are oriented in a main direction forming an acute angle relative to said longitudinal axis and measured in the opposite direction to the flow.

4. A casing according to claim 3, wherein said angle lies in the range 0° to 90°, preferably in the range 15° to 45°, and is preferably substantially equal to 30°.

5. A casing according to claim 1, wherein at least some of said open cells are situated upstream and others are situated downstream from said series of moving blades.

6. A casing according to claim 1, wherein at least some of the closed cells in said plate are filled with a wear material.

7. A casing according to claim 6, wherein said wear material contains a material selected from the group formed by: resins, silicones, and silicone resins.

8. A casing according to claim 6, wherein said wear material contains hollow beads, in particular glass beads.

9. An axial compressor, in particular a low pressure compressor, and including as its stator a casing according to claim 1.

10. A combustion turboshaft engine, in particular a turbojet engine, including a compressor according to claim 9.

11. A turbojet turbine including a casing according to claim 1.